

**System and Method for Providing Efficient and Secure
Data Exchange Using Strip Information Elements**

ABSTRACT

A system and method for using strip information elements to provide secure data exchange and efficient bandwidth utilization is presented. When a person attends an event, an agent is downloaded into the persons' handheld device. The agent receives and manages strip information elements. The strip information elements do not carry the complete information, but carry the elements necessary to retrieve, format, and display the information. The agent authenticates the strip information elements, and scans the different fields in the strip information elements to make decisions according to the content of the field. Strip information elements include identifiers to distinguish between multiple events and also to determine whether a previously transmitted strip information element should be replaced with a newly received strip information element.